CONTENTS

Page 1. Facile synthesis of carbon supported ternary nickel-cobalt-iron nanocatalyst for the 3262-3268 hydrodechlorination of 2-chlorophenol Thi Yen Nhi Nguyen, Thuan Khiet Trinh Nguyen, Nguyen Minh Tam Phan, Thi My Duyen Truong, Thao Vy Duong, Thi Duyen Diep, Thanh Thien Co 3269-3274 2. Polycyclic aromatic hydrocarbons (PAHs) in sediment environments in Vietnam: Analytical methods and contamination status Nguyen Duc Hieu, Hoang Quoc Anh, Tu Binh Minh, Tran Manh Tri, Dang Minh Huong Giang, Hoang Bich Ngoc, Vu Van Tu, Nguyen Thi Hong Yen, Shin Takahashi 3. Investigating the effect of synthesis parameters on the structure and upconversion 3275-3285 luminescent properties of NaYF₄:Tm,Yb for anticounterfeiting printing ink Vuong Thanh Tuyen, Nguyen Ba Tong, Le Van Hieu, Cao Thi My Dung, Tran Thi Thanh Van 4. A simple method to estimate the p K_{α} values of four fluorescent proteins based on 3286-3293 measuring their pH-dependent absorbance spectra Thi Yen Hang Bui, The Nga Tran 5. Synthesis of Co₃O₄ electrodes by electrochemical deposition for water splitting 3294-3300 reaction Ha Phuong Phan La, Phat Hong Nghia Tran, Thach Khac Bui, Giang Thuy Thanh Le, Hao Duc Nguyen, Viet Van Pham 3301-3307 6. Biofilm biosynthesis of priestia megaterium m1vb5 strain from muc son paper mill Dang Thi Nhung, Phan Thi Hong Thao, Tran Thi Huong, Le Thi Tra, Nguyen Thi Hong Lien, Nguyen Kieu Bang Tam, Ngo Van Huu, Cao Van Son 7. Controlling the absorption region of multi-shaped silver nanoparticles for SERS 3308-3314 applications Le Ngoc Thu Nguyen, Hoai Nhan Luong, Ngoc Bao Tri Pham, Le Thai Duy, Cong Khanh Tran, Ngoc Phuong Nguyen, Vinh Quang Dang 8. The impact of service quality on student retention: The mediating roles of student 3315-3332 satisfaction and switching barriers in private universities Thai Thi Thuy Oanh, Alang Tho 9. Investigate the influence of a CagA-negative Helicobacter pylori strain, GD13, on 3333-3338 nonhomologous end joining-mediated repair of proximal DNA double-strand breaks in GCV6 cells

My-Phuc Vo-Ho, Thuy-Vy Nguyen, Dao Thi-Hong Pham

10. Impacts of basis sets, solvent models, and NMR methods on the accuracy of ¹H and 3339-3346 ¹³C chemical shift calculations for biaryls: a DFT study

Thien T. Nguyen

11. Biosynthesis of *Staphylococcus aureus* OS-silver nanoparticles and their 3347-3356 antimicrobial and protective effects on coated paper money

Olubukola Oluyemi Olusola-Makinde, Olayiwola Sola Ajayi, Clement Olusola Ogidi

12. Measuring the efficiency of the Republic of Korea's cultural diplomacy in Vietnam
3357-3367
under Moon Jae-in's presidency (2017-2022) and its potentialities
Trieu Huy Ha

QR code to access Journal Information:



QR code to access Manuscript guidelines:



Science and Technology Development Journal volume 27, issue 1, 2024 publish under the Print Press License No. 396/GP-BTTTT, by the Ministry of Information and Communication issued on July 28, 2016. Printed at Tinh Hoa Viet Printing Co., Ltd, No. 202 Dang Thuc Lieng, Ward 4, District 8, Ho Chi Minh City. Print and submit the deposit in March, 2024.